Why Study Pre-Clinical Laboratory Science at Texas Tech?

Pre-Clinical Laboratory Science is considered a designation at Texas Tech University; it is not a major. Pre-Clinical Lab Science students take the required courses in order to apply to a Clinical Laboratory Science program.

Clinical Laboratory Science professionals are highly skilled scientists who discover the presence or absence of disease and provide data that help physicians determine the best treatment for the patient. Laboratory technologists and technicians play a crucial role in the process of providing personalized care. They generate vitally important data for identifying and treating cancer, heart disease, diabetes and many other health conditions.

Clinical Laboratory Science professionals examine and analyze body fluids, tissues, and cells to identify bacteria, parasites, and other microorganisms. They analyze the chemical constituents of body fluids, cross-match donor blood for transfusions, and test blood for drug levels to measure the efficacy of particular treatments. They also evaluate test results for accuracy and help interpret them for the physician. Everyday, new advances in medical and scientific technology are creating more challenges and job opportunities for Clinical Laboratory Science professionals, creating a great demand for Clinical Laboratory Science professionals.

The Texas Tech University Health Sciences Center School of Allied Health Sciences Clinical Laboratory Sciences program is a university based 2+2 program, offering the student a Baccalaureate Degree in Clinical Laboratory Science within one of the three optional areas of special emphasis. The Standard Option prepares a student for a career primarily in a clinical setting such as a hospital, physician's office, laboratory or a reference laboratory.

A Wealth of Opportunities Await

- Undergraduate Research
  The Center for Active Learning and Undergraduate Engagement (CALUE) is committed to supporting and increasing undergraduate participation in active learning at Texas Tech University. The Center serves as the centralized location for undergraduate students, faculty, staff, and community organizations interested in participating in the following active learning programs: Service Learning, Undergraduate Research, Professional Internship, and Study Abroad. For more info, visit their website: https://www.depts.ttu.edu/calue/

- Study Abroad
  From culinary classes in Florence to Range and Wildlife Management in Australia, from language study at the Texas Tech Center in Sevilla to Engineering in Czech Republic, Texas Tech has programs in more than 70 countries in which TTU students can participate.

To see where our study abroad programs can take you, visit the website here: https://ttu-sa.terradotta.com/

WHAT TO DO WHEN CONSIDERING THE HEALTH CARE FIELD

Research your career of interest:
- Browse the internet.
- Research at your library.
- Contact your Area Health Education Center (AHEC).
- Ask your counselors or teachers about the career.

Talk to a professional who works in the career of interest:
- What is an average day like in their profession?
- What is the most enjoyable part of their job?
- What other health professionals do they work with?
- What type of education is required for their profession?
- What are the advantages and disadvantages of their job?

Get experience working in a health care setting:
- Volunteer at a hospital or health clinic.
- Mentor with someone in your career interest.
- Learn basic skills such as CPR and First Aid.

Take related classes while in high school:
- Biology, Chemistry, Physics, Anatomy and Physiology
- Health Care Science/ Health Occupations Classes
- Algebra, Trigonometry, Pre-Calculus/Calculus

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Texas Common Course Number System (TCCNS)
The Texas Common Course Numbering System (TCCNS) aids students in the transfer of general academic courses between Texas public colleges and universities throughout the state. Course recommendations in this transfer guide are expressed in TCCNS designations.

Applying Transfer Hours to a Four-year Degree
- The Transfer Evaluation Office in the Office of the Registrar at Texas Tech determines which courses taken at another institution may be accepted for credit.
- A maximum of 66 semester credit hours from two-year institutions may be applied toward the baccalaureate degree at four-year institutions. Although, all credit hours presented on the sending institution's transcripts will be evaluated and equivalent college level courses posted to the student's academic record.
- The academic associate dean of the Texas Tech college in which a student enrolls has authority for determining which courses will be applied toward the specific degree program chosen.
- Students must earn a grade of C or better for all courses fulfilling requirements in majors, minors, or specialization's.

For more information on transfer course equivalencies, access the Texas Tech Transfer Equivalency Guidebooks: https://www.depts.ttu.edu/registrar/private/transfer/

Steps to Apply:
- Admission Requirements
  Application from applytexas.org
  $60 application fee or fee waiver (student must provide information supporting fee waiver; for more specifics on what qualifies for waiver, visit the admissions site here: http://www.admissions.ttu.edu/index.php/application-fee/)

  Official college transcripts from ALL previous colleges attended*

  *Student must submit an official high school and ACT/SAT scores if you have completed less than 12 transferrable hours

  Transcripts may be sent by mail to:
  Undergraduate Admissions
  Box 45005
  Lubbock TX 79409

  Electronic transcripts may be sent directly to TTU Admissions via document exchange from the sending institution (contact institution for more details)

  Transfer Admissions Counselors:
  Zach Fisher — West Texas Transfer Admissions Counselor.
  Office Location: Undergraduate Admissions, West Hall
  Lubbock, TX
  Phone: 806.834.2104
  Email: zach.fisher@ttu.edu

  Maryellen Baeza—Manager of Transfer Recruitment
  Office Location: Undergraduate Admissions, West Hall
  Lubbock, TX
  Phone: 806.742.1480
  Email: Maryellen.baeza@ttu.edu

Assured Admissions:
If you present the required combination of transferrable hours and GPA (as described below), you will meet assured admissions. GPA is cumulative for all transferrable coursework from all schools attended. Courses taken for grade replacement are used for GPA calculation only if the same course is repeated at the same institution where it was originally taken.

<table>
<thead>
<tr>
<th>Transferable Hours</th>
<th>GPA Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>12-23 hours</td>
<td>2.50 cumulative</td>
</tr>
<tr>
<td>24 hours or more</td>
<td>2.25 cumulative</td>
</tr>
</tbody>
</table>

Admission Review
If you do not meet assured admission requirements but have at least a 2.00 cumulative GPA, an admissions committee will evaluate your potential based on other criteria:
- Academics—Types of courses taken and pattern of progress, as well as coursework taken leading toward a major
- Student-submitted essay—Explanation of the decision to transfer to Texas Tech, reasons for past academic performance and plans to ensure future academic success
- Extracurricular activities/employment information—Leadership and work experience, special talents or awards, or any other information relevant to the admission decision

For more information, visit the admissions website: http://www.admissions.ttu.edu/